



Yatra Hotel solutions Pvt. Ltd
XML API 2.0
OTA Compliant Hotel API

Contents

1.Introduction.....	3
1.1. Getting Started.....	3
1.2. Terminology used in this document.....	3
1.3. Endpoint URL's and WSDL Locations.....	3
2.Overview & Search Methods	
2.1. Hotel Static Content.....	4
2.2. Search – Hotels List.....	5
2.3. Search – Hotel Details.....	12
2.4 Search- Multi Vendor.....	18
2.5. Calculation logic: Cancellation Policy.....	24
2.6 Calculation logic and formula for provisional booking.....	25
2.7. Calculation logic: Extra Guest charges.....	25
3. Booking Flow & Methods.....	25
3.1. Provisional Booking.....	26
3.2. Final Booking confirmation.....	30
4. Cancellation Flow and Methods.....	33
4.1. Cancellation request.....	35
5. Error Messages and FAQ'S.....	37

1. Introduction

- Yatra's OTA Compliant API is to be used to search and Book Hotels using a XML API.
- The intended audience for this document are Developers/Partners Looking to integrate with Yatra Hotel solution.

1.1. Getting Started

- To get started please contact a Yatra affiliate account manager

1.2. Terminology used in this document

- All throughout this doc, there are references to various terms, which are intended to have specific meanings as described in the table below.

Term	Description
OTA	Open Travel Alliance

1.3. Endpoint URL's and WSDL Locations

Service	Endpoint	WSDL
Search	http://stage-external.Yatra.com/services-2.0/tg-services/TGServiceEndPoint	http://stage-external.Yatra.com/services-2.0/tg-services/TGServiceEndPoint?wsdl
Booking and Cancellation	http://stage-external.Yatra.com/services-2.0/tg-services/TGBookingServiceEndPoint	http://stage-external.Yatra.com/services-2.0/tg-services/TGBookingServiceEndPoint?wsdl

Please Note:

Staging credentials will be shared on email

Live endpoints and credentials will be provided post the integration is certified by Yatra

WSDL is the source which provides the exposed services as well as input and output parameter schema.

2. Overview & Search Methods

Yatra's OTA XML API adheres to the 2011A revision of the OTA Specifications. More information about the 2011A revision can be found [here](#).

The following functionalities are described in this document.

- Hotel Static Dump
- Hotel Search

2.1. Hotel Static Content

- Yatra provides a dump file which contains detailed information about the Hotels
- This file is available in csv, text and XML format
- This file is updated every three days at our end, partners can schedule as they see fit. we suggest to update the static data every 15 days as it helps with the updates on newly added hotels, Hotel Name change, or any other changes done to the Hotel content.
- File Location:
 - <http://staticstore.travelguru.com/testdump/>
Credentials will be shared via email
- Static Dump file Headers

Item	Description
Hotel-Code	The Yatra system code of the Hotel
Name	Name of the Hotel
Address	Address of Hotel
Postcode	The Postcode of the Hotel as per India Post
City	The City of the Hotel
Country	The Country of the Hotel
URI	Yatra's Landing Page of the Hotel
NumberOfRooms	Total Number of rooms in the Hotel
NumberOfFloors	Total Number of floors in the Hotel
StarRating	The Star rating of the Hotel
Type	
Latitude	The Latitude of the Hotel
Longitude	The Longitude of the Hotel
Description	Yatra's Description of the hotel
Description-Type	
UserRating	Yatra's User Rating for the hotel
UserRecommendation	Percent of users who recommend this Hotel
Property-Amenities	Details of the hotel Amenities
Policy	
Policy-Type	

Check-in-Time	Check in time of the Hotel
Check-out-Time	Check out time of the Hotel
Image-URI	Various image urls for the Hotel

2.2. Search – Hotels List

2.2.1. The Hotel availability request is usually the first transaction performed by a travel agent as he needs to know which properties are available before making any reservation.

Yatra OTA XML API supports the following types of Search requests.

- Search by Cityname
- Search by POI
- Search by Area ID

2.2.2. Request Parameters & Sample Soap XML

Element	Description
OTA_HotelAvailRQ	Root Element
@RequestedCurrency	Currency supported - INR
@SortOrder	TG_RANKING(default), PRICE (low to high), GUEST_RATING (high to low), STAR_RATING_ASCENDING, STAR_RATING_DESCENDING, DEALS
OTA_HotelAvailRQ\AvailRequestSegments\AvailRequestSegment\HotelSearchCriteria\Criterion	
Address	
CityName	Name of the city. Refer to static dump for available cities
CountryName	Tag
@Code	Valid Country Name. Refer to static dump for available countries
HotelRef	Used for Filter options
@AreaID	Area ID to filter by. Refer to static Dump for available AreaID's
StayDateRange	Tag
@End	End date of the stay in yyyy-mm-dd format
@Start	Start date of the stay in yyyy-mm-dd format
RateRange	Tag
@MinRate	Minimum rate of the Hotel's to be made available in the search response
@MaxRate	Maximum rate of the Hotel's to be made available in the search response
HotelAmenity	
@Code	Amenity Code to filter by. Refer to static dump for available AmenityID's
Award Rating	Star rating to filter the response by. Any value between 1-5
CodeRef	TAG
@LocationCode	Numeric Code for a POI search. To be used along with City name.
SearchCacheLevel	VeryRecent–cached rates Live–real time rates For city,area and poi requests this flag is overridden at the account level. The result always comes from cache.
OTA_HotelAvailRQ\AvailRequestSegments\AvailRequestSegment\HotelSearchCriteria\Criterion\RoomStayCandidates	

RoomStayCandidate	Each RoomStayCandidate denotes 1 room, if searching for multiple rooms, provide equal number of this element
OTA_HotelAvailRQ\AvailRequestSegments\AvailRequestSegment\HotelSearchCriteria\Criterion\RoomStayCandidates\RoomStayCandidate\GuestCounts	
GuestCount	
@AgeQualifyingCode	"10" if the guest is adult, "8" if the guest is child
@Count	Count of the Guest type (adult or child)
OTA_HotelAvailRQ\AvailRequestSegments\AvailRequestSegment\HotelSearchCriteria\Criterion\TPA_Extensions	
Pagination	
@enabled	Paginate the response. Default is 20. And maximum 50 hotels can be retrieved in a single request. If enabled="false" all hotels are returned (this needs to be disabled at the account level as well). Default is true.
@hotelsFrom	starting hotel number in the response
@hotelsTo	end hotel number in the response.
OTA_HotelAvailRQ\AvailRequestSegments\AvailRequestSegment\HotelSearchCriteria\Criterion\TPA_Extensions	
UserAuthentication	
@password	Password as provided by Yatra
@propertyId	Property ID as provided by Yatra
@username	Username as provided by Yatra
Promotion	
@Type	Type of the Promotion to filter By. Possible Values: HOTEL: Only considers Promotions forwarded by the Hotel MERCHANT : Only Considers Promotions forwarded by the Merchant BOTH: Considers both Hotel and Merchant Promotions
@Name	Name of the Promotion. Possible values below ALL Promotions: All Promotions Stay Period : Stay Period Promotions Booking Window: Advance Purchase Promotions Length of Stay: Promotions applicable on the length of stay of the guest Day Of Week: Day of the week based Promotions Last Minute Promotion: Last Minute Deals

2.2.3. Sample Soap XML below:

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <OTA_HotelAvailRQ xmlns="http://www.opentravel.org/OTA/2003/05"
RequestedCurrency="INR" SortOrder="TG_RANKING" Version="0.0" PrimaryLangID="en"
SearchCacheLevel="VeryRecent">
      <!-- SortOrder can have following values:TG_RANKING, PRICE, GUEST_RATING,
STAR_RATING_ASCENDING, STAR_RATING_DESCENDING, DEALS -->
      <AvailRequestSegments>
        <AvailRequestSegment>
          <HotelSearchCriteria>
            <Criterion>

```

```

        <Address>
            <CityName>Bangalore</CityName>
            <CountryName Code="India"></CountryName>
        </Address>
        <HotelRef/>
<!-- For Area Search: Add AreaID in HotelRef tag. e.g, <HotelRef AreaID="72"/>
and Remove <CityName> tag. For Area as search filters : Add AreaID in HotelRef tag.
e.g, <HotelRef AreaID="72"/> and also provide the <CityName> tag-->
    <!-- For HotelCategory filter add SegmentCategoryCode in <HotelRef
SegmentCategoryCode="20"/> tag-->
<!--For POI Search: CodeRef indicates Point of Interest. Pass attribute LocationCode
="<POI Internal Id> in CodeRef element e.g. <CodeRef LocationCode="470"/> " -->
    <!--Note: Add multiple nodes for filtering by multiple criteria -->
        <StayDateRange End="2017-09-30" Start="2017-09-29"/>
<!--For rate range filter <RateRange MinRate="1000" MaxRate="2000"/> -->
        <RoomStayCandidates>
            <RoomStayCandidate>
                <GuestCounts>
                    <GuestCount AgeQualifyingCode="10"/>
                    <GuestCount Age="10" AgeQualifyingCode="8"/>
                </GuestCounts>
            <!-- For Amenity filters <RoomAmenity RoomAmenity="162"/>. Add multiple nodes
for multiple criteria -->
            </RoomStayCandidate>
        </RoomStayCandidates>
        <!-- For Amenity filters <HotelAmenity Code="37"/>. Add multiple nodes for
multiple criteria -->
        <!-- For Star Rating filters <Award Rating="5"/>. Add multiple nodes for
multiple criteria -->
        <TPA_Extensions>
            <Pagination enabled="true" hotelsFrom="01" hotelsTo="05"/>
            <Reviews/>
        </HotelBasicInformation>
        <UserAuthentication password="XXXX" propertyId="XXXXX"
username="XXXX"/>
        <Promotion Type="HOTEL" Name="StayPeriod" />
    </TPA_Extensions>
</Criterion>
</HotelSearchCriteria>
</AvailRequestSegment>
</AvailRequestSegments>
</OTA_HotelAvailRQ>
</soap:Body>
</soap:Envelope>

```

2.2.4.

Response XML and Elements

-

Response Elements.

Element	Description
OTA_HotelAvailRS	Root Element
RoomStays	Each available hotel is denoted by a Room Stay node
OTA_HotelAvailRS\RoomStays	
RoomTypes	Each room type available in the Hotel is denoted by the room type node
RatePlans	All the available rate plans available for the various room types in the hotel
RoomRates	Detailed Pricing information for all the products within the Hotel
OTA_HotelAvailRS\RoomStays\RoomTypes	
RoomType	
@NonSmoking	'true' if it's a smoking room, else 'false'
@RoomType	Name of the Room Type
@RoomTypeCode	Unique system identifier for the Room Type
OTA_HotelAvailRS\RoomStays\RoomTypes\Occupancy	
@AgeQualifyingCode	10 for adults, 8 for children
@MaxOccupancy	Max Occupancy of the corresponding guest type(Adult or Children)
@MaxAge	Maximum age up to which the guest will be considered as a child in this room
@MinAge	Minimum age for the guest for which the guest will be considered as child. Guests below this age are considered infants
OTA_HotelAvailRS\RoomStays\RatePlans	
RatePlan	
@AvailableQuantity	Number of room's available in this rate plan
@RatePlanCode	Unique system identifier for the Rate plan
@RatePlanName	Name of the Room Type
@RatePlanType	24' if it's a public Rate plan, '10' if it's a opaque rate plan
OTA_HotelAvailRS\RoomStays\RatePlans	
RatePlan	
CancelPenalties	To be Deprecated
OTA_HotelAvailRS\RoomStays\RatePlans\RatePlanDescription	
@text	Text blurb of the Deal available with the rate plan
OTA_HotelAvailRS\RoomStays\RatePlans\RatePlanInclusions\RatePlanInclusionDescription	
@Text	Text blurb of the inclusions available with the rate plan
OTA_HotelAvailRS\RoomStays\RatePlans\RatePlanDescription\TPA_Extensions	
AdditionalGuests	
@adults	Number of extra adults in the rate plan as per the search
@child	Number of extra children in the rate plan as per the search
@roomNo	Room number for which the extra guest info is provided
OTA_HotelAvailRS\RoomStays\RoomRates	
RoomRate	

@RoomID	Room ID for which the rates are provided
@RatePlanCode	Rate plan code for which the rates are provided.
	A combination of the above two parameters defines 1 product from the Hotel
TPA Extensions	
maxAdult	Max number of adults allowed in a particular room type. Use MaxOccupancy in Occupancy node for AgeQualifyingCode = 10
maxChild	Max number of children allowed in a particular room type. Use MaxOccupancy in Occupancy node for AgeQualifyingCode = 8
maxGuest	Max number of guests (adults + children) allowed in a particular room type. This NEED NOT be equal to maxAdult + maxChild
maxChildAge	Max child age above which considered as an adult. Use MaxAge in Occupancy node for AgeQualifyingCode = 8
minChildAge	Minimum child age above which the child is chargeable. Use MinAge in Occupancy node for AgeQualifyingCode = 8
OTA_HotelAvailRS\RoomStays\RoomRates\Rate	
@EffectiveDate	The Date for which the detailed rates are provided
OTA_HotelAvailRS\RoomStays\RoomRates\Rate\Base	
@AmountBeforeTax	Base rate excluding taxes and extra guest charges
OTA_HotelAvailRS\RoomStays\RoomRates\Rate\Base\Taxes	
@Amount	Total Tax Amount for the rate plan for the day
@Code	Tax Type code "14" – Service charges, "19" – Hotel GST, "16" – surcharge, "35" – Service tax
OTA_HotelAvailRS\RoomStays\RoomRates\Rate\Discount	
@AppliesTo	"Base" if the discount applies only to Base Rate, "AdditionalGuestAmount" if the discount applies to Base+Extra guest charges
@AmountBeforeTax	Discount Amount
OTA_HotelAvailRS\RoomStays\RoomRates\Rate\AdditionalGuestAmounts	
AdditionalGuestAmount	Additional Guest charges
@RPH	Room number to which the extra guest charge is applied to
@AgeQualifyingCode	"10" if the extra guest charge is for adult, "8" if the extra guest charge is for a child
OTA_HotelAvailRS\RoomStays\RoomRates\Rate\TPA_Extensions	
To be Deprecated	
OTA_HotelAvailRS\RoomStays\RoomRates\Rate\GuestCounts	
@GuestCount	Provides base occupancy for the given rate. Occupancy exceeding this count attracts additional guest amount.
OTA_HotelAvailRS\RoomStays\BasicPropertyInfo	
@HotelCode	Yatra Hotel Code
OTA_HotelAvailRS\RoomStays\BasicPropertyInfo\TPA_Extensions	
DeepLinkInformation	
@overviewURL	Deeplink to the hotel details page. The deeplink is specific to the requested search criteria. This is for meta search clients whose traffic comes to Yatra details page
OTA_HotelAvailRS\TPA_Extensions	
HotelsInfo	
@available	Total number of hotels available in the city for the Date range
@deals	Total number of hotels with deals available in the city for the Date range

@maxPrice	The Price of the most expensive Hotel in the city for the date range
@minPrice	The Price of the cheapest Hotel in the city for the date range

2.2.5. Response XML

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <OTA_HotelAvailRS xmlns="http://www.opentravel.org/OTA/2003/05"
      PrimaryLangID="en" AltLangID="en">
      <Success />
      <RoomStays>
        <RoomStay>
          <RoomTypes>
            <RoomType NonSmoking="false" RoomType="RR"
              RoomTypeCode="0000029404">
              <RoomDescription>
                <Text />
                <Image />
                <Image />
              </RoomDescription>
              <Occupancy AgeQualifyingCode="10" MaxOccupancy="3" />
              <Occupancy AgeQualifyingCode="8" MaxAge="12" MinAge="5"
                MaxOccupancy="3" />
              <TPA_Extensions>
                <RoomType maxAdult="3" maxChild="3" maxChildAge="12"
                  maxGuest="6" minChildAge="5" smoking="Y" />
              </TPA_Extensions>
            </RoomType>
          </RoomTypes>
          <RatePlans>
            <RatePlan AvailableQuantity="10" RatePlanCode="0000160575"
              RatePlanName="RR" RatePlanType="24">
              <CancelPenalties>
                <CancelPenalty NonRefundable="false">
                  <Deadline />
                  <PenaltyDescription Name="FREE_CANCELLATION">
                    <Text>N</Text>
                  </PenaltyDescription>
                </CancelPenalty>
              </CancelPenalties>
              <RatePlanDescription>
                <Text />
                <Text>Save 799 on each night</Text>
              </RatePlanDescription>
              <RatePlanInclusions>
                <RatePlanInclusionDescription>

```

```

<Text>Airport Transfer, Breakfast and Dinner,Lunch, Lunch or Dinner,</Text>
    <Text>Wildlife Slide Show , Documentary Session ,
</Text>

    </RatePlanInclusionDescription>
</RatePlanInclusions>
    <TPA_Extensions>
        <Promotion Id="0000019191" Type="HOTEL" />
    </TPA_Extensions>
</RatePlan>
</RatePlans>
<RoomRates>
    <RoomRate RoomID="0000029404" RatePlanCode="0000160575">
        <Rates>
            <Rate EffectiveDate="2017-07-18T00:00:00.000-05:00">
                <Base AmountBeforeTax="1000.0">
                    <Taxes Amount="0.01">
                        <Tax Code="19" Amount="0.01" />
                    </Taxes>
                </Base>
                <Discount AppliesTo="Base" AmountBeforeTax="999.0">
                    <DiscountReason />
                </Discount>
            </Rate>
        </Rates>
        <GuestCounts>
            <GuestCount AgeQualifyingCode="10" Count="3" />
            <GuestCount AgeQualifyingCode="8" Count="3" />
        </GuestCounts>
    </RoomRate>
</RoomRates>
    <BasicPropertyInfo HotelCode="00002082" />
    <TPA_Extensions LowestRatePlanId="0000160575" StopSell="false">
        <HotelBasicInformation HotelType="TGU" />
        <DeepLinkInformation
overviewURL="http://www.Yatra.com/hotels/India/test/affiliate-test-hotel-
00002082?checkInDate=18-07-2013&checkOutDate=19-07-2013&numRooms=1&rooms[0]
.adult=2&rooms[0].children=0&currencyCode=INR"/>
        </TPA_Extensions>
    </RoomStay>
</RoomStays>
    <TPA_Extensions>
        <HotelsInfo available="1" deals="1" maxPrice="1.0" minPrice="1.0"
total="0" />
    </TPA_Extensions>
</OTA_HotelAvailRS>
</soap:Body>
</soap:Envelope>

```

2.3.Search – Hotel Details

The Hotel Details search is used to get the detailed information of one or more Hotel's. This request will return all room type / rate plans in the hotel along with the cancellation policies and discount details if any for each rate plan.

2.3.1.Request Parameters

Element	Description
OTA_HotelAvailRQ	Root Element
@RequestedCurrency	Currency supported - INR
@SortOrder	PRICE (low to high), GUEST_RATING (high to low), STAR_RATING_ASCENDING, STAR_RATING_DESCENDING, DEALS. Only valid if searching with multiple Hotel ID's
SearchCacheLevel	Live - real time rates For city,area and poi requests this flag is overridden at the account level. The result always comes from cache. Hotel detail search is Live results.
OTA_HotelAvailRQ\POS\Source	
RequestorID	Ignore
@ID_Context	
RequestedCurrency	The code specifying the currency in which the response should be sent-INR
OTA_HotelAvailRQ\AvailRequestSegments\AvailRequestSegment\HotelSearchCriteria\Criterion	
HotelRef	Tag. Provide multiple of this TAG to search for multiple hotels at the same time. Max 20 accepted
@HotelCode	Yatra Hotel Code.
StayDateRange	Tag
@End	End date of the stay in yyyy-mm-dd format
@Start	Start date of the stay in yyyy-mm-dd format
OTA_HotelAvailRQ\AvailRequestSegments\AvailRequestSegment\HotelSearchCriteria\Criterion\RoomStayCandidates	
RoomStayCandidate	Each RoomStayCandidate denotes 1 room, if searching for multiple rooms, provide equal number of this TAG
OTA_HotelAvailRQ\AvailRequestSegments\AvailRequestSegment\HotelSearchCriteria\Criterion\RoomStayCandidates\RoomStayCandidate\GuestCounts	

GuestCount	
@AgeQualifyingCode	"10" if the guest is adult, "8" if the guest is child
@Count	Count of the Guest type (adult or child)
OTA_HotelAvailRQ\AvailRequestSegments\AvailRequestSegment\HotelSearchCriteria\Criterion\TPA_Extensions	
UserAuthentication	
@password	Password as provided by Yatra
@propertyId	Property ID as provided by Yatra
@username	Username as provided by Yatra
OTA_HotelAvailRQ\AvailRequestSegments\AvailRequestSegment\HotelSearchCriteria\Criterion\TPA_Extensions	
@enabled	Paginate the response. Default is 20. And maximum 50 hotels can be retrieved in a single request. If enabled="false" all hotels are returned (this needs to be disabled at the account level as well). Default is true.
@hotelsFrom	starting hotel number in the response
@hotelsTo	end hotel number in the response.

2.3.2. Sample Request XML

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <OTA_HotelAvailRQ xmlns="http://www.opentravel.org/OTA/2003/05"
RequestedCurrency="INR" CorrelationID="T199V222931099425307077331050305561683"
SearchCacheLevel="Live">
      <AvailRequestSegments>
        <AvailRequestSegment>
          <HotelSearchCriteria>
            <Criterion>
              <HotelRef HotelCode="00001065"/>
              <StayDateRange End="2017-09-25" Start="2017-09-24"/>
              <RoomStayCandidates>
                <RoomStayCandidate>
                  <GuestCounts>
                    <GuestCount AgeQualifyingCode="10"/>
                    <GuestCount ResGuestRPH="0"
AgeQualifyingCode = "10" Count = "2"/>
                  </GuestCounts>
                </RoomStayCandidate>
              </RoomStayCandidates>
            <TPA_Extensions SeoEnabled="false">
              <Pagination hotelsFrom="0" hotelsTo="0"/>
              <UserAuthentication password="xx" propertyId="xx"

```

```

username="xx"/>
        </TPA_Extensions>
    </Criterion>
</HotelSearchCriteria>
</AvailRequestSegment>
</AvailRequestSegments>
</OTA_HotelAvailRQ>
</soap:Body>
</soap:Envelope>

```

2.3.3. Response parameters

Element	Description
OTA_HotelAvailRS	Root Element
RoomStays	Each available hotel is denoted by a RoomStay TAG
OTA_HotelAvailRS\RoomStays	
RoomTypes	Each room type available in the Hotel is denoted by the room type node
RatePlans	All the available rate plans available for the various room types in the hotel
RoomRates	Detailed Pricing information for all the products within the Hotel
BasicPropertyInfo	Property details like Name ,address ,GeoCode & Star Rating
OTA_HotelAvailRS\RoomStays\RoomTypes	
RoomType	
@NonSmoking	'true' if it's a smoking room, else 'false'
@RoomType	Name of the Room Type
@RoomTypeCode	Unique system identifier for the Room Type
OTA_HotelAvailRS\RoomStays\RoomTypes\RoomDescription	
Text	Text blurb of the Room Description
Image	Image URL for Room.
OTA_HotelAvailRS\RoomStays\RoomTypes\Occupancy	
@AgeQualifyingCode	10 for adults, 8 for children
@MaxOccupancy	Max Occupancy of the corresponding guest type(Adult or Children)
@MaxAge	Maximum age upto which the guest will be considered as a child in this room
@MinAge	Minimum age for the guest for which the guest will be considered as child. Guests below this age are considered infants
OTA_HotelAvailRS\RoomStays\RatePlans\RatePlan	
@AvailableQuantity	Number of room's available in this rate plan
@RatePlanCode	Unique system identifier for the Rate plan
@RatePlanName	Name of the Room Type
@RatePlanType	'24' if it's a public Rate plan, '10' if it's a opaque rate plan
OTA_HotelAvailRS\RoomRates\Rates\TPA_Extensions	
BaseAdultOccupancy	Max adults above which additional guest amount is collected. Will be deprecated in future use GuestCounts node instead
BaseChildOccupancy	Max children above which additional guest amount is collected. Will be

	deprecated in future use GuestCounts node instead
OTA_HotelAvailRS\RoomStays\RatePlans\CancelPenalties	
CancelPenalty	TAG. There are two of these; one with the text description of the cancellation policy, the other provides cancellation policy in a machine readable format. Refer to cancellation Policy calculation examples for more details about usage
@Name	CANCELLATION_POLICY
Text	Text blurb of the Cancellation Policy with the penalties and the dates
Deadline	
@OffsetDropTime	Start counter for the calculating the cancellation Policy
@OffsetTimeUnit	Units of time to count with
@OffsetUnitMultiplier	Number of units to Count
AmountPercent	
@NmbrOfNights	Cost of this night of the booking will be charged as penalty
@TaxInclusive	Defines if the penalty is inclusive of the taxes for the night
OTA_HotelAvailRS\RoomStays\RatePlans\RatePlanDescription	
@text	Text blurb of the Deal available with the rate plan
OTA_HotelAvailRS\RoomStays\RatePlans\RatePlanInclusions\RatePlanInclusionDescription	
@Text	Text blurb of the inclusions available with the rate plan
OTA_HotelAvailRS\RoomStays\RatePlans\RatePlanDescription\TPA_Extensions	
AdditionalGuests	
@adults	Number of extra adults in the rate plan as per the search
@child	Number of extra children in the rate plan as per the search
@roomNo	Room number for which the extra guest info is provided
OTA_HotelAvailRS\RoomStays\RoomRates	
RoomRate	Each Rate plan will have a room rate associated with it.
@RoomID	Room ID for which the rates are provided
@RatePlanCode	Rate plan code for which the rates are provided.

2.3.4. Response XML

```

<RoomTypes>
  <RoomType NonSmoking="false" RoomType="President Suite"
RoomTypeCode="0000037724">
    <RoomDescription>
      <Text />
      <Image />
      <Image />
    </RoomDescription>
    <Occupancy AgeQualifyingCode="10" MaxOccupancy="2" />
    <Occupancy AgeQualifyingCode="8" MaxAge="12" MinAge="4"
MaxOccupancy="1" />
    <TPA_Extensions>
      <RoomType maxAdult="2" maxChild="1" maxChildAge="12"
maxGuest="3" minChildAge="4" smoking="Y" />
    </TPA_Extensions>
  </RoomType>
</RoomTypes>

```

```

        </RoomType>
    </RoomTypes>
    <RatePlans>
        <RatePlan AvailableQuantity="13" RatePlanCode="0000145482"
RatePlanName="President Suite" RatePlanType="24">
            <CancelPenalties>
                <CancelPenalty NonRefundable="false">
                    <Deadline />
                    <PenaltyDescription Name="CANCELLATION_POLICY">
                        <Text>Full refund if you cancel this booking by
23-Sep-17 12:00 PM IST.</Text>
                    </PenaltyDescription>
                    <PenaltyDescription Name="CANCELLATION_POLICY">
                        <Text>No refund if you cancel this booking later
than 23-Sep-17 12:00 PM IST. You might be charged upto the full cost of stay (including taxes &
service charge) if you do not check-in to the hotel.</Text>
                    </PenaltyDescription>
                    <PenaltyDescription Name="FREE_CANCELLATION">
                        <Text>Y</Text>
                    </PenaltyDescription>
                </CancelPenalty>
                <CancelPenalty>
                    <Deadline OffsetDropTime="BeforeArrival"
OffsetTimeUnit="Hour" OffsetUnitMultiplier="9999" />
                    <AmountPercent NmbrOfNights="0" TaxInclusive="false"/>
                </CancelPenalty>
                <CancelPenalty>
                    <Deadline OffsetDropTime="BeforeArrival"
OffsetTimeUnit="Hour" OffsetUnitMultiplier="24" />
                    <AmountPercent NmbrOfNights="1" TaxInclusive="true"/>
                </CancelPenalty>
            </CancelPenalties>
            <RatePlanDescription>
                <Text> Book before 5 days and save 10% on each night
                <Text />
            </RatePlanDescription>
            <RatePlanInclusions>
                <RatePlanInclusionDescription>
                    <Text/>
                    <Text/>
                </RatePlanInclusionDescription>
            </RatePlanInclusions>
        </RatePlan>
    </RatePlans>
</RoomRates>

```

```

<RoomRate RoomID="0000037724" RatePlanCode="0000145482">
    <Rates>
        <Rate EffectiveDate="2013-09-24T00:00:00.000-05:00">
            <Base AmountBeforeTax="933.0">
                <Taxes Amount="22.67">
                    <Tax Code="19" Amount="22.67" />
                </Taxes>
            </Base>
        </Rate>
    </Rates>
</RoomRate>

```



```

        </Taxes>
    </Base>
    <TPA_Extensions>
        <Rate BaseAdultOccupancy="2"
BaseChildOccupancy="1" Bookable="true" RatePlanCode="0000145482"
RoomTypeCode="0000037724" />
    </TPA_Extensions>
</Rate>
</Rates>
<GuestCounts>
    <GuestCount AgeQualifyingCode="10" Count="2" />
    <GuestCount AgeQualifyingCode="8" Count="1" />
</GuestCounts>
</RoomRate>
<Rates>
    <Rate EffectiveDate="2017-09-24T00:00:00.000-05:00">
        <Base AmountBeforeTax="800.0">
            <Taxes Amount="45.34">
                <Tax Code="19" Amount="27.0" />
                <Tax Code="14" Amount="9.0" />
                <Tax Code="35" Amount="9.34" />
            </Taxes>
        </Base>
        <Discount AppliesTo="Base" AmountBeforeTax="80.0">
            <DiscountReason />
        </Discount>
        <TPA_Extensions>
            <Rate BaseAdultOccupancy="1"
BaseChildOccupancy="0" Bookable="true" RatePlanCode="0000145499"
RoomTypeCode="0000037734" />

```

```

        <Promotion Id="0000015637" />
    </TPA_Extensions>
</Rate>
</Rates>
<GuestCounts>
    <GuestCount AgeQualifyingCode="10" Count="1" />
    <GuestCount AgeQualifyingCode="8" Count="0" />
</GuestCounts>
</RoomRate>
</RoomRates>
<BasicPropertyInfo HotelCode="00009546" HotelName="Product test">
    <Position />
    <Address>
        <AddressLine>test</AddressLine>
        <CityName>Test</CityName>
        <StateProv>Rajasthan</StateProv>
        <CountryName>India</CountryName>
    </Address>
    <Award Rating="0" />
</BasicPropertyInfo>
<TPA_Extensions LowestRatePlanId="0000145499" StopSell="false">
    <DeepLinkInformation overviewURL="http://ec2-50-17-156-
132.compute-1.amazonaws.com/hotels/India/test/test-shell-00009546?checkInDate=24-09-2013&ch

```

```

eckOutDate=25-09-2013&numRooms=1&rooms[0].adult=1&rooms[0].children=0&currencyCode=INR/>
        </TPA_Extensions>
    </RoomStay>
</RoomStays>
</OTA_HotelAvailRS>
</soap:Body>
</soap:Envelope>

```

2.4.Search – Multi Vendor

2.4.1.In city, area, poi and multiple vendor id requests, the response comes from cache. However, in case of hotel code request, real time availability and rates are returned.All the rate plans are returned only in case of hotel code search whereas for city/area/poi/multiple vendor id requests, only the lowest rate plan is returned.

2.4.2.Request Parameters

Element	Description
OTA_HotelAvailRQ	Root Element
@RequestedCurrency	Currency supported - INR
@SortOrder	PRICE (low to high), GUEST_RATING (high to low), STAR_RATING_ASCENDING, STAR_RATING_DESCENDING, DEALS. Only valid if searching with multiple Hotel ID's
SearchCacheLevel	VeryRecent–cached rates Live–real time rates For city,area and poi requests this flag is overridden at the account level. The result always comes from cache.
OTA_HotelAvailRQ\POS\Source	
RequestorID	Ignore
@ID_Context	
RequestedCurrency	The code specifying the currency in which the response should be sent-INR
OTA_HotelAvailRQ\AvailRequestSegments\AvailRequestSegment\HotelSearchCriteria\Criterion	
HotelRef	Tag. Provide multiple of this TAG to search for multiple hotels at the same time. Max 20 accepted
@HotelCode	Yatra Hotel Code.
StayDateRange	Tag
@End	End date of the stay in yyyy-mm-dd format
@Start	Start date of the stay in yyyy-mm-dd format

OTA_HotelAvailRQ\AvailRequestSegments\AvailRequestSegment\HotelSearchCriteria\Criterion\RoomStayCandidates	
RoomStayCandidate	Each RoomStayCandidate denotes 1 room, if searching for multiple rooms, provide equal number of this TAG
OTA_HotelAvailRQ\AvailRequestSegments\AvailRequestSegment\HotelSearchCriteria\Criterion\RoomStayCandidates\RoomStayCandidate\GuestCounts	
GuestCount	
@AgeQualifyingCode	"10" if the guest is adult, "8" if the guest is child
@Count	Count of the Guest type (adult or child)
OTA_HotelAvailRQ\AvailRequestSegments\AvailRequestSegment\HotelSearchCriteria\Criterion\TPA_Extensions	
UserAuthentication	
@password	Password as provided by Yatra
@propertyId	Property ID as provided by Yatra
@username	Username as provided by Yatra
OTA_HotelAvailRQ\AvailRequestSegments\AvailRequestSegment\HotelSearchCriteria\Criterion\TPA_Extensions	
@enabled	Paginate the response. Default is 20. And maximum 50 hotels can be retrieved in a single request. If enabled="false" all hotels are returned (this needs to be disabled at the account level as well). Default is true.

2.4.3. Sample Request XML

Note: Multiple vendor Id search supports searching for max 20 Hotels at a time.

```
<soap:Envelope
  xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <OTA_HotelAvailRQ
      xmlns="http://www.opentravel.org/OTA/2003/05" RequestedCurrency="INR"
      SortOrder="PRICE" CorrelationID="">
      <!-- Multi Vendor Search supports following sorting: PRICE, GUEST_RATING,
      STAR_RATING_ASCENDING, STAR_RATING_DESCENDING. Default sort is Price Sort -->
```

```
    <AvailRequestSegments>
      <AvailRequestSegment>
        <HotelSearchCriteria>
          <Criterion>
            <HotelRef HotelCode="00000247"/>
            <HotelRef HotelCode="00000248"/>
            <HotelRef HotelCode="00000249"/>
            <StayDateRange End="2017-12-12" Start="2017-12-11"/>
            <RoomStayCandidates>
```

```

        <RoomStayCandidate>
            <GuestCounts>
                <GuestCount AgeQualifyingCode="10" Count="2"/>
                <GuestCount Age="8" AgeQualifyingCode="8"/>
            </GuestCounts>
        </RoomStayCandidate>
    </RoomStayCandidates>
    <TPA_Extensions>
        <UserAuthentication password="XXXX" propertyId="XXXX"
username="XXXX"/>
    </TPA_Extensions>
</Criterion>
</HotelSearchCriteria>
</AvailRequestSegment>
</AvailRequestSegments>
</OTA_HotelAvailRQ>
</soap:Body>
</soap:Envelope>

```

2.4.4. Response parameters

Element	Description
OTA_HotelAvailRS	Root Element
RoomStays	Each available hotel is denoted by a RoomStay TAG
OTA_HotelAvailRS\RoomStays	
RoomTypes	Each room type available in the Hotel is denoted by the room type node
RatePlans	All the available rate plans available for the various room types in the hotel
RoomRates	Detailed Pricing information for all the products within the Hotel
BasicPropertyInfo	Property details like Name ,address ,GeoCode & Star Rating
OTA_HotelAvailRS\RoomStays\RoomTypes	
RoomType	
@NonSmoking	'true' if it's a smoking room, else 'false'
@RoomType	Name of the Room Type
@RoomTypeCode	Unique system identifier for the Room Type
OTA_HotelAvailRS\RoomStays\RoomTypes\RoomDescription	
Text	Text blurb of the Room Description
Image	Image URL for Room.
OTA_HotelAvailRS\RoomStays\RoomTypes\Occupancy	
@AgeQualifyingCode	10 for adults, 8 for children
@MaxOccupancy	Max Occupancy of the corresponding guest type(Adult or Children)
@MaxAge	Maximum age upto which the guest will be considered as a child in this room
@MinAge	Minimum age for the guest for which the guest will be considered as child. Guests below this age are considered infants
OTA_HotelAvailRS\RoomStays\RatePlans\RatePlan	

@AvailableQuantity	Number of room's available in this rate plan
@RatePlanCode	Unique system identifier for the Rate plan
@RatePlanName	Name of the Room Type
@RatePlanType	'24' if it's a public Rate plan, '10' if it's a opaque rate plan
OTA_HotelAvailRS\RoomRates\Rates\TPA_Extensions	
BaseAdultOccupancy	Max adults above which additional guest amount is collected. Will be deprecated in future use GuestCounts node instead
BaseChildOccupancy	Max children above which additional guest amount is collected. Will be deprecated in future use GuestCounts node instead
OTA_HotelAvailRS\RoomStays\RatePlans\CancelPenalties	
CancelPenalty	TAG. There are two of these; one with the text description of the cancellation policy, the other provides cancellation policy in a machine readable format. Refer to cancellation Policy calculation examples for more details about usage
@Name	CANCELLATION_POLICY
Text	Text blurb of the Cancellation Policy with the penalties and the dates
Deadline	
@OffsetDropTime	Start counter for the calculating the cancellation Policy
@OffsetTimeUnit	Units of time to count with
@OffsetUnitMultiplier	Number of units to Count
AmountPercent	
@NmbrOfNights	Cost of this night of the booking will be charged as penalty
@TaxInclusive	Defines if the penalty is inclusive of the taxes for the night
OTA_HotelAvailRS\RoomStays\RatePlans\RatePlanDescription	
@text	Text blurb of the Deal available with the rate plan
OTA_HotelAvailRS\RoomStays\RatePlans\RatePlanInclusions\RatePlanInclusionDescription	
@Text	Text blurb of the inclusions available with the rate plan
OTA_HotelAvailRS\RoomStays\RatePlans\RatePlanDescription\TPA_Extensions	
AdditionalGuests	
@adults	Number of extra adults in the rate plan as per the search
@child	Number of extra children in the rate plan as per the search
@roomNo	Room number for which the extra guest info is provided
OTA_HotelAvailRS\RoomStays\RoomRates	
RoomRate	Each Rate plan will have a room rate associated with it.
@RoomID	Room ID for which the rates are provided
@RatePlanCode	Rate plan code for which the rates are provided.

2.4.5. Sample Response XML

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<OTA_HotelAvailRS PrimaryLangID="en" AltLangID="en" SearchCacheLevel="Live"
  xmlns="http://www.opentravel.org/OTA/2003/05">
  <Success/>
  <RoomStays>
    <RoomStay>
      <RoomTypes>

```

```

        <RoomType NonSmoking="false" RoomType="Room one"
RoomTypeCode="0000083536">
            <RoomDescription>
                <Text></Text>
                <Image></Image>
                <Image></Image>
            </RoomDescription>
            <AdditionalDetails/>
            <Occupancy MaxOccupancy="3" AgeQualifyingCode="10"/>
            <Occupancy MaxOccupancy="1" AgeQualifyingCode="8" MaxAge="12"
MinAge="11"/>
            <TPA_Extensions>
                <RoomType maxAdult="3" maxChild="1" maxChildAge="12" maxGuest="4"
minChildAge="11" propertyLevel="N" smoking="Y"/>
            </TPA_Extensions>
        </RoomType>
    </RoomTypes>
    <RatePlans>
        <RatePlan AvailableQuantity="50" RatePlanCode="0000473761"
RatePlanName="Add" RatePlanType="24">
            <CancelPenalties>
                <CancelPenalty NonRefundable="false">
                    <Deadline AbsoluteDeadline="24"/>
                    <PenaltyDescription Name="FREE_CANCELLATION">
                        <Text>Y</Text>
                    </PenaltyDescription>
                </CancelPenalty>
            </CancelPenalties>
            <RatePlanDescription>
                <Text></Text>
                <Text></Text>
            </RatePlanDescription>
            <RatePlanInclusions>
                <RatePlanInclusionDescription>
                    <Text></Text>
                    <Text></Text>
                </RatePlanInclusionDescription>
            </RatePlanInclusions>

```

```

        <TPA_Extensions>
            <DiscountCouponDisplayIndicator Enabled="true"/>
        </TPA_Extensions>
    </RatePlan>
</RatePlans>
<RoomRates>
    <RoomRate RoomID="0000083536" RatePlanCode="0000473761">
        <Rates>
            <Rate EffectiveDate="2017-05-23T00:00:00.000+05:30">
                <Base AmountBeforeTax="1000.0">

```

```

        <Taxes Amount="149.43">
            <Tax Code="19" Amount="120.0"/>
            <Tax Code="14" Amount="13.0"/>
            <Tax Code="35" Amount="16.43"/>
        </Taxes>
    </Base>
    <TPA_Extensions>
        <Rate BaseAdultOccupancy="1" BaseChildOccupancy="0"
Bookable="true" RatePlanCode="0000473761" RoomTypeCode="0000083536"/>
    </TPA_Extensions>
</Rate>
</Rates>
<GuestCounts>
    <GuestCount AgeQualifyingCode="10" Count="1"/>
    <GuestCount AgeQualifyingCode="8" Count="0"/>
</GuestCounts>
</RoomRate>
</RoomRates>
<BasicPropertyInfo HotelCode="00017588">
    <Position/>
    <Address>
        <CityName>Bangalore</CityName>
        <StateProv></StateProv>
        <CountryName>India</CountryName>
    </Address>
    <Award Rating="3"/>
</BasicPropertyInfo>
<TPA_Extensions LowestRatePlanId="0000473761" StopSell="false">
    <HotelBasicInformation CitySeold="bangalore" HotelType="TGU">
        <Reviews ReviewCount="3" ReviewPercentage="100" ReviewRating="3.7"
ReviewerRating="5"/>
        <Multimedia/>
    </HotelBasicInformation>
    <DeepLinkInformation
overviewURL="http://stageui.Yatra.com/hotels/India/bangalore/one-rupee-hotel-00017588"/>
    </TPA_Extensions>
</RoomStay>
</RoomStays>
<TPA_Extensions>
    <HotelsInfo available="0" deals="0" maxPrice="1000.0" minPrice="1000.0" total="0"/>
</TPA_Extensions>
</OTA_HotelAvailRS>

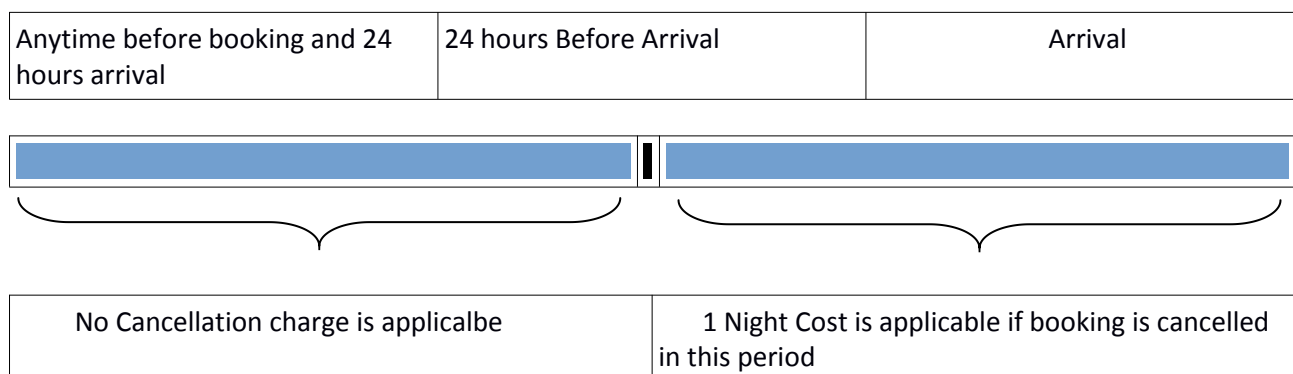
```

2.5. Calculation logic: Cancellation Policy

The Hotel Details policy provides a machine readable cancellation policy in below format
Sample Cancellation policy

```
<CancelPenalty NonRefundable="false">
  <Deadline />
  <PenaltyDescription Name="CANCELLATION_POLICY">
    <Text>Full refund if you cancel this booking by 23-Sep-13 12:00 PM IST.</Text>
  </PenaltyDescription>
  <PenaltyDescription Name="CANCELLATION_POLICY">
    <Text>No refund if you cancel this booking later than 23-Sep-13 12:00 PM IST.
You might be charged upto the full cost of stay (including taxes & service
charge) if you do not check-in to the hotel.</Text>
  </PenaltyDescription>
</CancelPenalty>
  <Deadline OffsetDropTime="BeforeArrival" OffsetTimeUnit="Hour"
OffsetUnitMultiplier="9999" />
  <AmountPercent NmbrOfNights="0" TaxInclusive="false" />
</CancelPenalty>
<CancelPenalty>
  <Deadline OffsetDropTime="BeforeArrival" OffsetTimeUnit="Hour"
OffsetUnitMultiplier="24" />
  <AmountPercent NmbrOfNights="1" TaxInclusive="true" />
</CancelPenalty>
```

The Above cancellation policy can be best understood with the following timeline example.



- @OffsetDropTime : point in time from which the calculation needs to start
- In all Cases, Arrival means the scheduled check-in time of the guest as per the hotel's checkin-checkout policy
- @NmbrOfNights : The number of nights that will be charged in case of cancellation, for instance "1".
- In order to specify free flow text information, the PenaltyDescription element is used with the

Text attribute.

2.6. Calculation logic and Formula for Provisional Booking

The Hotel detail search Response provides Base amount before tax , Discount amount if applicable on the base amount before tax, Additional guests (If applicable) If the booking scenario is for two nights stay, the calculation as follows.

Day 1 : Base amount before tax- Discount amount (If applicable) + Additional guest charges

Day 2: Base amount before tax- Discount amount (If applicable) + Additional guest charges

Total : Day 1 + Day 2

Total Taxes needs to be passed separately.

Note: Response is for the total number of rooms as per the search request on per night basis

2.7. Calculation logic: Extra Guest charges

The search Response provides extra guest charge information along with the room rates. The Calculation is as follows.

All Additional guest charges are included within the “AdditionalGuestAmounts” Tag within room rates.

```
<AdditionalGuestAmounts>
  <AdditionalGuestAmount RPH="1" AgeQualifyingCode="8">
    <Amount AmountBeforeTax="300.0"/>
  </AdditionalGuestAmount>
</AdditionalGuestAmounts>
```

- Each “Additional Guest Amount” defines a charge for 1 additional guest.
- @AgeQualifyingCode: 8 if charge is for extra child, 10 if charge is for extra adult.

3. Booking Flow & Methods

The OTA 2.0 XML API booking flow is split in two parts

1. Provisional Booking
2. Final Booking Confirmation

3.1. Provisional Booking

Before the actual booking is done, provisional booking is mandatory. Provisional booking blocks the inventory requested for 15 minutes. After the provisional booking is successful, the caller should confirm

the booking within 15 minutes otherwise the blocked room inventory would be released and the provisional booking would become invalid.

3.1.1.Request Elements for a provisional Booking

Element	Description
OTA_HotelResRQ	Root Element
@CorrelationID	Provide any unique identifiers which can be used for checking the root cause if booking fails and also for auditing purpose
@TransactionIdentifier	Provide any unique identifiers which can be used for checking the root cause if booking fails and also for auditing purpose
OTA_HotelResRQ\POS\Source	
Source	TAG
POS	Point of sale object,contained in the POS element, communicates the information that allows the receiving system to identify the trading partner that is sending the request or the response message.
@ISOCurrency	Currency supported - INR
OTA_HotelResRQ\POS\Source\RequestorID	
@MessagePassword	Password as provided by Yatra
@ID	PropertyId as provided by Yatra
@Code	Username as provided by Yatra
OTA_HotelResRQ\UniqueID	
@Type	always blank
@ID	always blank
OTA_HotelResRQ\HotelReservations\HotelReservation\RoomStays\RoomStay	
RoomTypes	
@NumberOfUnit	No of rooms to be blocked
@RoomTypeCode	Room type code of room to block
RatePlans	
RatePlanCode	Rate plan code to block
GuestCounts	
@IsPerRoom	Always false
@ResGuestRPH	Specify to which room the guest belongs to. 0 = Room 1, 1 = Room 2 and so on
@AgeQualifyingCode	10 for adults, 8 for children
@Count	Count of the Guest type (adult or child)
@Age	Age of the Children if any
TimeSpan	
@End	End date of the booking / Checkout dat. Format : yyyy/mm/dd
@Start	Start date of the booking / Check in date : yyyy/mm/dd
Total	
@AmountBeforeTax	The total Amount excluding taxes, after all the discounts are applied
@CurrencyCode	Currency Code of the Amounts
Taxes	
@Amount	Total Tax Amount including service charges, service tax etc.
BasicPropertyInfo	

@HotelCode	Yatra Code for the Hotel to book
Comment	
@Text	Any Special Text that need to passed on to the Hotel
OTA_HotelResRQ\HotelReservations\HotelReservation\ResGuests\ResGuest\Profiles\Profile Info	
Profile	
@ProfileType	Always 1
Customer	
@NamePrefix	
@GivenName	Name of the guest (mandatory)
@MiddleName	Middle name of the guest
@Surname	Last name of the guest (Mandatory)
Telephone	
@AreaCityCode	The city Code for the Phone number
@CountryAccessCode	The ISD Code for the Phone number
@Extension	Any extension to the phone number
@PhoneNumber	the Phone number of the guest
@PhoneTechType	the phone type of the guest: 1 for fixed line,
@Email	e-mail id of the guest
OTA_HotelResRQ\HotelReservations\HotelReservation\ResGlobalinfo	
@GuaranteeType	Payment type for the booking. '-'PrePay' if the Affiliate has already collected the payment from the Guest.

3.1.2.Sample Request XML

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <OTA_HotelResRQ xmlns="http://www.opentravel.org/OTA/2003/05"
CorrelationID="1234" TransactionIdentifier="122121" Version="1.003">
      <POS>
        <Source ISOCurrency="INR">
          <RequestorID MessagePassword="xxxxxxx" ID="xxxxxxx">
            <CompanyName Code="xxxxxxx"></CompanyName>
          </RequestorID>
        </Source>
      </POS>
      <UniqueID Type="0" ID="" />
      <HotelReservations>
        <HotelReservation>
          <RoomStays>
            <RoomStay>
              <RoomTypes>
                <RoomType NumberOfUnits="2" RoomTypeCode="0000036834"
/>

```

```

        </RoomTypes>
        <RatePlans>
            <RatePlan RatePlanCode="0000142934" />
        </RatePlans>
        <GuestCounts IsPerRoom="false">
            <GuestCount ResGuestRPH="0" AgeQualifyingCode="10"
Count="2" />
            <GuestCount ResGuestRPH="0" AgeQualifyingCode="8"
Age="9" Count="1" />
            <GuestCount ResGuestRPH="0" AgeQualifyingCode="8"
Age="10" Count="1" />
            <GuestCount ResGuestRPH="1" AgeQualifyingCode="10"
Count="2" />
            <GuestCount ResGuestRPH="1" AgeQualifyingCode="8"
Age="9" Count="1" />
            <GuestCount ResGuestRPH="1" AgeQualifyingCode="8"
Age="10" Count="1" />
        </GuestCounts>
        <TimeSpan End="2017-05-17" Start="2017-05-11" />
        <Total AmountBeforeTax="194800" CurrencyCode="INR">
            <Taxes Amount="40800" />
        </Total>

```

```

        <BasicPropertyInfo HotelCode="00009581" />
        <Comments>
            <Comment>
                <Text>non-smoking room requested;king bed</Text>
            </Comment>
        </Comments>
    </RoomStay>
</RoomStays>
<ResGuests>
    <ResGuest>
        <Profiles>
            <ProfileInfo>
                <Profile ProfileType="1">
                    <Customer>
                        <PersonName>
                            <NamePrefix>Mr.</NamePrefix>
                            <GivenName>Rakesh</GivenName>
                            <MiddleName></MiddleName>
                            <Surname>Kumar</Surname>
                        </PersonName>
                        <Telephone AreaCityCode="80"
CountryAccessCode="91" Extension="0" PhoneNumber="8040301003" PhoneTechType="1"/>
                        <Email>abc@gmail.com</Email>
                        <Address>
                            <AddressLine>No.13</AddressLine>

```

```

        <AddressLine>Grape Garden</AddressLine>
        <CityName>Bangalore</CityName>
        <PostalCode>560095</PostalCode>
        <StateProv>KA</StateProv>
        <CountryName>India</CountryName>
    </Address>
</Customer>
</Profile>
</ProfileInfo>
</Profiles>
</ResGuest>
</ResGuests>
<ResGlobalInfo>
    <Guarantee GuaranteeType="PrePay" />
</ResGlobalInfo>
</HotelReservation>
</HotelReservations>
</OTA_HotelResRQ>
</soap:Body>
</soap:Envelope>

```

Customer GST details (optional) can be added in the Provisional booking request

```

<BasicPropertyInfo HotelCode="00008374" />
    <TPA_Extensions>
        <CustomerGST>
            <GSTNumber>TIN2233445566</GSTNumber>
            <GSTCompanyName>abc Solutions</GSTCompanyName>
            <GSTCompanyEmailId>vahuj@abc.com</GSTCompanyEmailId>
            <GSTCompanyAddress>No.420,8th Cross,Jayanagar,Chennai</GSTCompanyAddress>
            <GSTCity>Chennai</GSTCity>
            <GSTPinCode>40032</GSTPinCode>
            <GSTState>33</GSTState>
            <GSTPhoneISD>+33</GSTPhoneISD>
            <GSTPhoneNumber>93432243524</GSTPhoneNumber>
            <CustomerName>Test Name</CustomerName>
            <CustomerAddress>Test Address</CustomerAddress>
            <CustomerState>93432243524</CustomerState>
        </CustomerGST>
    </TPA_Extensions>

```

3.1.3.Response Parameters – Provisional Booking

Element	Description
OTA_HotelResRS	Root Element
@CorrelationID	
@TransactionIdentifier	A unique Transaction ID used for debugging

OTA_HotelResRS\HotelReservations\HotelReservation	
UniqueID	
@Type	Type of the ID in the response; will always be 23 for a provisional Booking ID
@ID	Provisional booking ID. Note that actual booking Id will be different. This is ID is needed to confirm the provisional booking.

3.1.4. Sample Response XML

```
<OTA_HotelResRS CorrelationID="AshishTestCorrId" TransactionIdentifier="122121"
  xmlns="http://www.opentravel.org/OTA/2003/05">
  <Success/>
  <HotelReservations>
    <HotelReservation>
      <UniqueID Type="23" ID="2100378949"/>
    </HotelReservation>
  </HotelReservations>
</OTA_HotelResRS>
```

3.2. Final Booking confirmation

A final Booking confirmation request needs to be sent within 15 minutes of creating a Provisional Booking

3.2.1. Request Parameters

Element	Description
OTA_HotelResRQ	Root Element
@CorrelationID	Provide any unique identifier
@TransactionIdentifier	A unique Transaction ID used for debugging.
OTA_HotelResRQ\POS\Source\RequestorID	
@MessagePassword	Password as provided by Yatra
@ID	PropertyId as provided by Yatra
@Code	Username as provided by Yatra
OTA_HotelResRQ\UniqueID	
@Type	Value is 23 for provisional booking id
Unique ID	Provisional booking ID as received in the provisional booking request
OTA_HotelResRQ\HotelReservations\HotelReservation\ResGlobalInfo	
@GuaranteeType	Payment type for the booking. 'PrePay' if the Affiliate has already collected the payment from the Guest.

3.2.2. Sample Request XML

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <OTA_HotelResRQ xmlns="http://www.opentravel.org/OTA/2003/05"
CorrelationID="sessionId" TransactionIdentifier="122121" Version="1.003">
      <POS>
        <Source ISOCurrency="INR">
          <RequestorID MessagePassword="xxxxxx" ID="xxxxxxxxxxxxxx">
            <CompanyName Code="xxxxxxxxxxxxxx"></CompanyName>
          </RequestorID>
        </Source>
      </POS>
      <UniqueID Type="23" ID="xxxxxxxxxxxxxxxxxx" />
      <HotelReservations>
        <HotelReservation>
          <ResGlobalInfo>
            <Guarantee GuaranteeType="PrePay" />
          </ResGlobalInfo>
        </HotelReservation>
      </HotelReservations>
    </OTA_HotelResRQ>
  </soap:Body>
</soap:Envelope>
```

3.2.3. Response Parameters

Element	Descripton
OTA_HotelResRS	Root Element
@CorrelationID	As received on the Request
@TransactionIdentifier	As received on the request; if blank in request, ID will be generated by the service.
OTA_HotelResRS\HotelReservations\HotelReservation	
UniqueID	
@Type	Type of the ID in the response; will always be 14 for a final Booking ID
@ID	Yatra booking ID.
OTA_HotelResRS\HotelReservations\HotelReservation\RoomStays\RoomStay	
RoomType	
@NumberOfUnits	Number of rooms booked
@RoomTypeCode	Yatra Code of the Room Type Booked
RoomRates	
@RatePlanCode	Yatra Code of the Rate plan Booked

Total	
@AmountAfterTax	Total Booking amount including Taxes
@currencyCode	Currency Code of the booking
BasicPropertyInfo	
@HotelCode	Yatra Code for the Hotel
@HotelName	Name of the Hotel
@AreaID	Area of the Hotel
Address	
@AddressLine	Address of the Hotel
@CityName	Hotel City
@StateProv	Hotel State
@CountryName	Hotel Country
ContactNumbers	
@AreaCityCode	The city Code for the Phone number
@CountryAccessCode	The ISD Code for the Phone number
@PhoneNumber	the Phone number of the guest
@PhoneTechType	the phone type of the guest: 1 for fixed line, 5 for mobile

3.2.4. Sample Response XML

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<OTA_HotelResRS xmlns="http://www.opentravel.org/OTA/2003/05" CorrelationID="[sessionId]"
TransactionIdentifier="122121">
  <Success/>
  <HotelReservations>
    <HotelReservation>
      <UniqueID Type="14" ID="ABC0001037907"/>
      <RoomStays>
        <RoomStay>
          <RoomTypes>
            <RoomType NumberOfUnits="1" RoomTypeCode="0000004876"/>
          </RoomTypes>
          <RoomRates>
            <RoomRate RatePlanCode="0000128702"/>

```

```

          </RoomRates>
        <Total AmountAfterTax="1757.00" CurrencyCode="INR"/>
        <BasicPropertyInfo HotelCode="00001778" HotelName="Hotel Swagath"
AreaID="Hospital Road">
          <Address>
            <AddressLine>No.75, Hospital Road, Near Majestic Theatre
          </AddressLine>
            <CityName>BANGALORE</CityName>
            <StateProv>KARNATAKA</StateProv>
            <CountryName>India</CountryName>
          </Address>

```



```

        <ContactNumbers>
            <ContactNumber AreaCityCode="080" CountryAccessCode="91"
PhoneNumber="22877200" PhoneTechType="1"/>
            <ContactNumber AreaCityCode="080" CountryAccessCode="91"
PhoneNumber="22259837" PhoneTechType="3"/>
        </ContactNumbers>
    </BasicPropertyInfo>
</RoomStay>
</RoomStays>
</HotelReservation>
</HotelReservations>
</OTA_HotelResRS>

```

4. Cancellation Flow and Methods

The Cancellation Flow on the API supports 2 methods

1. Initiate
2. Cancel

4.1. Cancellation request

The Cancellation request in “Initiate” mode provides the cancellation policy and the applicable refund amount on the booking if cancelled.

4.1.1. Request Parameters

Element	Description
OTA_CancelRQ	Root Element
@CancelType	'Initiate' to get the cancellation policy and Refund details 'Cancel' to Cancel the Booking
OTA_CancelRQ\POS\Source\RequestorID	
@MessagePassword	Password as provided by Yatra
@ID	PropertId as provided by Yatra
@Code	Username as provided by Yatra
OTA_CancelRQ\UniqueID	
@ID	Provisional booking ID as received in the provisional booking request
OTA_CancelRQ\Verification	
@Surname	The surname of the guest as provided at the time of the booking
@Email	The Email Id of the guest as provided at the time of the booking
OTA_CancelRQ\TPA_Extensions\CancelDates	
@Dates	Dates for which cancellation is requested. Note: <ul style="list-style-type: none"> - Dates has to be in series. - Dates can only either be start-date or end-date of the booking - For full cancellation all the dates need to be provided

4.1.2. Sample Request XML – Initiate Mode

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns="http://www.opentravel.org/OTA/2003/05">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:OTA_CancelRQ CancelType="Initiate" Version="1.0" >
      <ns:POS>
        <ns:Source>
          <ns:RequestorID ID="1000000002" MessagePassword="testingpro"/>
          <CompanyName Code="xxxxxxxxxxxxx"></CompanyName>
        </ns:Source>
      </ns:POS>
      <ns:UniqueID ID="TGU0000945394" />
      <ns:Verification>
        <ns:PersonName>
          <ns:Surname>Test</ns:Surname>
        </ns:PersonName>
        <ns:Email>techteam@Yatra.com</ns:Email>
      </ns:Verification>
      <ns:TPA_Extensions>
        <ns:CancelDates>
          <ns:Dates>2013/23/03</ns:Dates>
        </ns:CancelDates>
      </ns:TPA_Extensions>
    </ns:OTA_CancelRQ>
  </soapenv:Body>
</soapenv:Envelope>
```

4.1.3. Response Parameters – Initiate Mode

Element	Descripton
OTA_CancelRS	Root Element
OTA_CancelRS\CancelInfoRS\CancelRules	
CancelRule	Contains all cancellation policy break-up applicable, each break-up can be termed as cancellation-window.

@CancelByDate	Date within which current booking can be cancelled. If empty, it denotes any date from current-day to date before 24-hour of check-in-date.
@Amount	Amount to be refunded if cancelled on its respective CancelByDate .
@Type	Type of Cancellation -"Nights" will define the number of nights cost that will be charged
OTA_CancelRS\Comment	
Text	Plain text blurb for the cancellation policy

4.1.4. Sample Response XML – Initiate Mode

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <OTA_CancelRS xmlns="http://www.opentravel.org/OTA/2003/05"
Status="PendingCancellation">
      <Success />
      <CancelInfoRS>
        <CancelRules>
          <CancelRule CancelByDate="" Amount="71767.21" />
        </CancelRules>
      </CancelInfoRS>
      <Comment>
        <Text>Full refund if you cancel this booking.You might be charged
upto the full cost of stay (including taxes & service charge) if you do not check-in to the
hotel.</Text>
      </Comment>
    </OTA_CancelRS>
  </soap:Body>
</soap:Envelope>
```

4.1.5. Sample Request XML – Cancel mode

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ns="http://www.opentravel.org/OTA/2003/05">
  <soapenv:Header/>
  <soapenv:Body>
    <ns:OTA_CancelRQ CancelType="Cancel" Version="1.0" >
      <ns:POS>
        <ns:Source>
          <ns:RequestorID ID="1000000002" MessagePassword="testingpro"/>
          <CompanyName Code="xxxxxxxxxxxx"></CompanyName>
        </ns:Source>
      </ns:POS>
    </ns:OTA_CancelRQ>
  </soapenv:Body>
</soapenv:Envelope>
```

```

<ns:UniqueID ID="TGU0000945394" />
  <ns:Verification>
    <ns:PersonName>
      <ns:Surname>Test</ns:Surname>
    </ns:PersonName>
    <ns:Email>techteam@Yatra.com</ns:Email>
  </ns:Verification>
  <ns:TPA_Extensions>
    <ns:CancelDates>
      <ns:Dates>2013/23/03</ns:Dates>
    </ns:CancelDates>
  </ns:TPA_Extensions>
</ns:OTA_CancelRQ>
</soapenv:Body>
</soapenv:Envelope>

```

4.1.6. Response Parameters – Cancel mode

Element	Description
OTA_CancelRS	Root Element
@Status	"Cancelled" if the booking is cancelled
Success	Notifies of a Successful Cancellation
OTA_CancelRS\CancelInfoRS	
UniqueID	
@ID	Yatra Cancellation ID
Comment	
Text	Text as per processing of the request
OTA_CancelRS\Comment	
Text	Plain text blurb for the cancellation policy

4.1.7. Sample Request XML – Cancel mode

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <OTA_CancelRS xmlns="http://www.opentravel.org/OTA/2003/05"
Status="Cancelled">
      <Success/>
      <CancelInfoRS>
        <UniqueID ID="TGU0000070112"/>
      </CancelInfoRS>
      <Comment>
        <Text>Your booking is cancelled for the requested dates.</Text>
      </Comment>
    </OTA_CancelRS>
  </soap:Body>
</soap:Envelope>

```

```
</Comment>
</OTA_CancelRS>
</soap:Body>
</soap:Envelope>
```

5. Error Messages and FAQ's

The API responds with error codes in certain cases. Below is the summary of all such error responses.

BOOKING ERROR CODES

ERROR CODES	ERROR MESSAGE
010	No_Hotels_Found
018	NO_OF_ROOMS_SELECTED_ARE_NOT_VALID
019	No_Of_Adults_Entered_Is_Not_Valid
020	No_Of_Children_Entered_Is_Not_Valid
021	NUMBER_OF_CHILDREN_AGES_ENTERED_IS_NOT_VALID_OR_DOES_NOT_MATCH_WITH_CHILDREN_COUNT_PROVIDED
022	ATLEAST_ONE_OF_THE_CHILD_AGES_IS_OUT_OF_VALID_RANGE
023	INVALID_DATE_FORMAT
024	ONE_OF_THE_DATES_IS_NOT_IN_FUTURE
025	CHECK_IN_DATE_NOT_WITHIN_MAX
026	CHECK_IN_DATE_IS_NOT_BEFORE_CHECK_OUT_DATE
027	STAY_DURATION_IS_ABOVE_PERMITTED_MAX
029	UNABLE_TO_PARSE_THE_RESPONSE_NOW
030	UNEXPECTED_EXCEPTION
031	WebService_Authentication_requirements_Are_Not_Allowed_To_Empty
032	ATLEAST_ONE_OF_ROOM_INFO_IS_NOT_VALID
033	EMAIL_INVALID
034	PHONE_CODE_OR_NUMBER_INVALID
035	Pay_At_Hotel_Not_Supported
036	Hotel_Do_Not_Support_Pay_At_Hotel_Model
037	Insufficient_Booking_Window_Period
038	Could_Not_Process_The_Booking
039	Invalid_Provisional_Booking_Id

040	BOOKING_FAILURE_EXCEPTION
051	No_Dates_for_provided_BookingId
056	CHECK_IN_DATE_IS_BEFORE_CURRENT_DATE
068	Credit_Card_Validation_Failed
069	ITS_NOT_A_HTTPS_REQUEST
070	CREDITCARD_NUMBER_EMPTY
071	CREDITCARD_NAME_EMPTY
072	CREDITCARD_EXP_EMPTY
073	CREDITCARD_COUNTRY_EMPTY
074	INVALID_DISCOUNT_COUPON
075	DISCOUNT_COUPON_NOT_APPLICABLE
077	Dates_Not_Falling_Between_Block_Out_Dates_In_Pay_At_Hotel_Model
081	ROOM_NOT_AVAILABLE
083	ROOM_RATE_CHANGED
084	HOTEL_NOT_AVAILABLE
085	PROVISIONAL_BOOKING_EXPIRED
086	BOOKING_ALREADY_CONFIRMED
087	INVALID_PAYATHOTEL_VALUE
088	BOOKING_MAY_BE_CONFIRMED
097	RATE_LIMITING_EXCEPTION

CANCELLATION ERROR CODES

ERROR CODE	ERROR MESSAGE
041	CANCELLATION_FAILURE_EXCEPTION
042	No_BookingId_for_Cancellation
043	No_Email_for_Cancellation
044	No_LastName_for_Cancellation
045	Invalid_BookingId_for_Cancellation
046	Invalid_Email_for_Cancellation
047	Invalid_LastName_for_Cancellation
048	DATA_ACCESS_EXCEPTION_FOR_CANCELLATION_VALIDATION
049	No_Dates_for_Cancellation
050	Invalid_Dates_for_Cancellation
052	No_CancellationPolicy_Found
053	Cancellation_Dates_Doesnt_Have_CheckinDate_or_CheckoutDate
054	Cancellation_Dates_Not_In_Sequence

SEARCH ERROR CODES

ERROR CODE	ERROR MESSAGE
001	SearchHotelId_Is_Null
002	Search_Hotel_City_Name_Is_Not_Available
010	No_Hotels_Found
011	Search_City_Or_Country_Is_Not_Available
012	Invalid_Requested_Currency_Code
013	HotelSeoId_Is_Not_Available
014	Pagination_From_Is_Not_Natural_Number
015	Pagination_To_Is_Not_Natural_Number
016	Pagination_To_Is_Not_Greater_Than_Or_Equal_To_From
017	Pagination_To_Is_More_Than_200_Greater_Than_From
023	INVALID_DATE_FORMAT
024	ONE_OF_THE_DATES_IS_NOT_IN_FUTURE
025	CHECK_IN_DATE_NOT_WITHIN_MAX
026	CHECK_IN_DATE_IS_NOT_BEFORE_CHECK_OUT_DATE
027	STAY_DURATION_IS_ABOVE_PERMITTED_MAX
030	UNEXPECTED_EXCEPTION
031	Search_Area_Id_Not_Available
055	Search_Destination_Is_Not_Available
057	Search_POI_Id_Not_Available
058	Search_POI_LatLong_OR_City_Not_Available
059	Search_Multi_Vendor_Id_Not_Available
060	No_Of_Vendor_Id_Is_Above_Permitted_Max
061	Country_Code_Is_Not_As_Per_ISO_Country_Code
062	Search_Chain_Id_Not_Available
063	Search_City_Theme_Code_Not_Available
064	Search_City_Category_Code_Not_Available
065	state_seo_id_is_null
066	country_seo_id_is_null
067	Search_City_Theme_Category_Code_Not_Available
078	Search_Amenity_OR_Destination_Not_Available
079	Search_Amenity_Not_Available
084	HOTEL_NOT_AVAILABLE